Text Complexity Analysis Template

Text complexity analysis

Created by:	Amy Neureither	**Event/Date:**	Summer Academy July 29, 2014
Text and Author	National Geographic Kids: Seed to Plant	**Where to Access Text**	http://www.amazon.com/National-Geographic-Readers-Seed-Plant/dp/1426314701/ref=sr_1_4?ie=UTF8&qid=1407767761&sr=8-4&keywords=from+seed+to+plant

Text Description

This is a non-fiction text that engages student's interest in how plants grow and change. The author captivates readers by comparing the plants to the students. For example, it talks about how plants grow just like people. The author includes many non-fiction text features that help readers to understand and comprehend the text. These include: table of contents, headings, diagrams, labels, etc. Also included in the book are fun facts, questions and answers, and buzz word boxes.

Quantitative

Lexile and Grade Level	Kindergarten Lexile- N/A	**Text Length**	32 Pages with photographs and rich text features

Qualitative

Meaning/Central Ideas	**Text Structure/Organization**
The meaning and central idea of this text is clear. The headings in the text help readers to understand each section of the book. For example, the first section of the book is called, "What is a Plant?" and plants are defined as living things.	This text includes lots of rich text features that enhance the reader's understanding of content. These include- table of contents, headings, labels, diagrams, photographs, etc. These features all help readers to comprehend the idea that plants grow and change. For example, in the section "A Plant Grows" it talks about how plants grow bigger by spreading their roots out in the soil, having stems grow thicker, and then growing leaves and branches. Also in the section "What Do Plants Need?" there is a picture of a tree growing and arrows pointing at the sunlight, air, soil, and water/food. This supports the idea that plants need many things to grow. On that page there is also a text box with plant needs listed.

Prior Knowledge Demands	**Language Features**
Students would not need a lot of background knowledge to understand this text due to the rich non-fiction text features that the author uses. The ideas in this text are simple and concrete.	The sentences in the book are simple and easy to understand. The text does include some content specific vocabulary words such as: germination, seedling, pollination, pollen, etc.

Potential Reader/Task Challenges

Students might have difficulty with this text if they have limited experiences with planting seeds or gardening. This is due to the fact that the main idea is that plants grow and change. However, given the title Seed to Plant students should have some basic knowledge after reading the title. The vocabulary words could also be challenging as they wouldn't be words that are included regularly in a kindergartener's daily

vocabulary. Students might also have a hard time staying focused throughout the entire book.

<table>
<tr><td align="center">**Big Takeaway**</td></tr>
</table>

After reading this book, students will identify that the main topic is plants grow and change. Diagrams are included that demonstrate plant growth. They will identify details about plants. For example, plants grow flowers and pollination helps flowers make seeds. Students will understand that plants are all around them and that they are an important part of our society as they have many uses- clothing, food, animal homes, etc.

Vocabulary Analysis Template

	Words that demand less teaching time (i.e. the definition is singular and concrete)	Words that demand more teaching time (i.e. words with multiple meanings and/or that are part of a word family)
Words that can be determined in context	Plant (tier 1) Stem (tier 2) Root (tier 2) Soil (tier 2) Seeds (tier 1) Sticky (tier 1) Flowers (tier 1)	Sprout (tier 2) Pods (tier 2) Statue (tier 2) Bud (tier 2)
Words that cannot be determined in context	Seedling (tier 3) Pollen (tier 3) Pollination (tier 3)	Germinate (tier 3) Germination (tier 3)